

SCHEDULE OF CONFERENCE

„Transformers in Operation 2013”



24.04.2013 – Wednesday

16¹⁵ – 17³⁵ I Session

- 16¹⁵ – 16³⁰ Welcoming of participants
- 16³⁰ – 16⁴⁵ Zbigniew Emirsajłow – Modelling the temperature distribution in the solid-insulated bushing
- 16⁴⁵ – 17⁰⁰ M. Gutten, D. Korenciak, M. Sebok P. Zhukowski – Analysis of Mechanical Effects of Short-circuit Forces on Transformers
- 17⁰⁰ – 17¹⁵ Sz. Banaszak – Sensitivity of Transformers' Frequency Response Measurements to Connection Configuration
- 17¹⁵ – 17³⁰ K. M. Gawrylczyk, Sz. Banaszak – Modeling the frequency response of the transformer coil with windings deformations

25.04.2013 – Thursday

9⁰⁰ – 10⁵⁵ II Session

- 9⁰⁰ – 9²⁵ Energo-Complex – Managing energy transformers
- 9²⁵ – 9⁵⁵ Maschinenfabrik Reinhäusen – OLTC - new technologies
- 9⁵⁵ – 10¹⁰ A. Cichoń, S. Borucki, P. Berger – Comparison analysis of research results on determining level of OLTC contact deterioration using acoustic and oscillographic methods of diagnostics
- 10¹⁰ – 10²⁵ J. Skubis, A. Cichoń, S. Borucki – Diagnostics of technical condition of power transformer magnetic circuit with use of a modified vibroacoustic method
- 10²⁵ – 10⁴⁰ E. Kornatowski – The non-contact measuring method of transform tank vibrations
- 10⁴⁰ – 10⁵⁵ ZREW – Transformers
- 10⁵⁵ – 11³⁰ Coffee Break

11³⁰ – 13²⁰ III Session

- 11³⁰ – 11⁵⁵ Maschinenfabrik Reinhäusen – Monitoring of power transformers
- 11⁵⁵ – 12¹⁰ W. Kołtunowicz, M. Koch, M. Krüger – A New Method for On-Line Monitoring of Bushings, Transients and PD of Power Transformers
- 12¹⁰ – 12²⁵ M. Gutten, D. Korenciak, M. Sebok P. Zhukowski – The Monitoring of Oil Distribution Transformer in Laboratory Conditions
- 12²⁵ – 12⁴⁰ R. Malewski – Devices for monitoring gases dissolved in transformer's oil
- 12⁴⁰ – 12⁵⁵ T. Piotrowski – Effectiveness verification of recognition of oil-filled transformer defects by selected DGA methods
- 12⁵⁵ – 13²⁰ B. Pahlavanpour, C. Watterholm – Resistance of mineral oil to oxidation
- 13⁴⁰ Lunch

15⁰⁰ – 16²⁵ IV Session

- 15⁰⁰ – 15¹⁵ A. Kapczyński – Amorphous core transformers - copper or aluminum winding?
- 15¹⁵ – 15³⁰ K. Kasza, R. Płatek – The Selected Aspects of the Numerical Analyses of the Transformers
- 15³⁰ – 15⁴⁵ A. Maternik – Protection of oil-filled transformers against explosion: experiments and simulations
- 15⁴⁵ – 16⁰⁰ J. Pinneker – Accessories for transformers of MESSKO company
- 16⁰⁰ – 16¹⁵ P. Deląg – Prevention of excessive moisture in the solid transformer's insulation during exploitation

26.04.2013 – Friday**9⁰⁰ – 10⁵⁰ V Session**

- 9⁰⁰ – 9²⁰ WEIDMANN
- 9²⁰ – 9³⁵ M. Lasota, M. Owczarek – Practical experience in on-site drying of power transformers with low frequency heating
- 9³⁵ – 9⁵⁰ M. Zenker, J. Subocz – Dielectric processes in pressboard with high moisture content
- 9⁵⁰ – 10⁰⁵ P. Zhukowski, J. Subocz, M. Gutten, T. Kołtunowicz, M. Sebok, J. Jurcuk – The application of numerical methods to analyze measurements of FDS impregnated by pressboard oil with various moisture contents
- 10⁰⁵ – 10²⁰ M. Zenker, J. Subocz - Influence of moisture content on dielectric relaxation of oil impregnated Nomex basing on PDC measurements
- 10²⁰ – 10³⁵ P. Zhukowski, J. Subocz, M. Gutten, M. Szrot, T. Kołtunowicz, M. Sebok – The assessment of moisture content in pressboard impregnated with transformer oil on the base of DC conductivity measurements
- 10³⁵ – 10⁵⁰ P. Przybyłek – The indirect method of moisture determination in cellulosic materials using near infrared spectrophotometry
- 10⁵⁰ – 11¹⁵ Coffee Break

11¹⁵ – 12³⁰ VI Session - end of the conference

- 11¹⁵ – 11³⁰ E.P. Soloviev, M.K. Yarmarkin – New materials for polymeric MV transformer bushings
- 11³⁰ – 11⁴⁵ H. Morańda, P. Przybyłek, K. Walczak, H. Mościcka-Grzesiak – Investigations on models of OIP and RBP bushing insulators in aspect of *bubble effect*
- 11⁴⁵ – 12⁰⁰ A. Mrozik, M. Zenker – Influence of thermal ageing under operating conditions on the dielectric response of RBP type bushings
- 12⁰⁰ – 12¹⁵ N. Stasiak, J. Subocz – The analysis of failures and importance of transformer stations in MV distribution network

Conference Summary

- 12⁴⁵ Lunch